CLAIMS

1. A gel composition comprising a carbon nanotube and an ionic liquid.

2. The gel composition as claimed in claim 1, wherein the carbon nanotube is a single-walled carbon nanotube.

3. A method for producing the gel compositional of claim 1 comprising a carbon nanotube and an ionic liquid, which comprises a step of pulverizing, in the presence of the ionic liquid, the carbon nanotube by applying a shearing force thereto.

4. The method for producing the gel composition as claimed in claim 3, further comprising a step of subjecting the product of the pulverization to centrifugal separation.

5. A method for working the gel composition of claim 1 comprising a carbon nanotube and an ionic liquid, which comprises the step of forming a desired shape from said gel composition by subjecting the composition in a fluidized state to application of an external force by a printing, coating, extrusion or injection operation, and then a step of removing the ionic liquid from said gel composition by bringing said shape in contact with a solvent capable of dissolving the ionic liquid or an absorbent capable of absorbing the ionic liquid.